Run-5 update

Fulvia Pilat
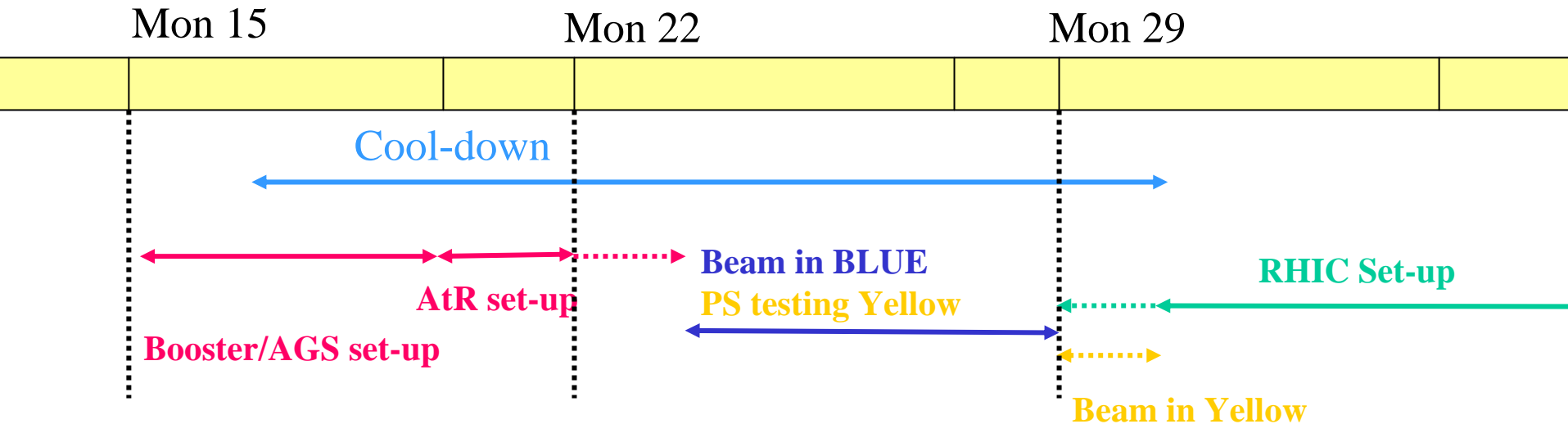
BROOKHAVEN
NATIONAL LABORATORY

Time Meeting
November 16, 2004

Mon 15   Mon 22   Mon 29

Cool-down

Beam in BLUE

PS testing Yellow

RHIC Set-up

AtR set-up

Booster/AGS set-up

Beam in Yellow
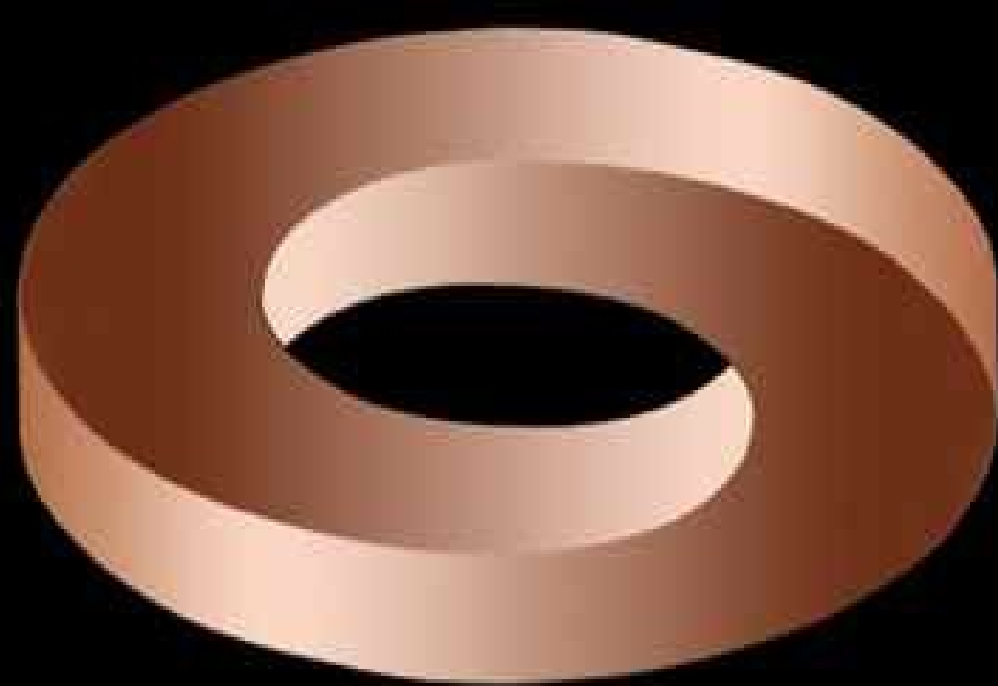
Assume here we start cool-down Wednesday 17.
Tandem/Booster set-up started – yesterday: 1 transfer 8.7 10^9
Change of source last night

Mon Nov 8: Day 1

Elog (Todd, Ila, Greg, Fulvia): *configuration pages, tune plots, new features*

FDAView (Todd, Fulvia, John): *test , data integrity*

StartUp RHIC (Fulvia, Todd, Ted): *Linux and Sun applications*

Documentation (Fulvia, Todd, Greg) *check availability*

RHIC operation GPM's (Fulvia, Todd, John) *ramp, magnets, beam current, fill pattern, Cu-calibrations, etc.*

Logger (RogerL) *logger test with new file system*

LogView (Ted) *new logview features, arrays visualization*

Sequencer (Todd, Ted): *test – see below*

Ramping systems (Al, Steve, Nikolay, Todd): *Cu ramp,WFG Manager, ramp revert with RF online model*

AtR copper (Woody) *setpoints for copper, WFG manager, current transformers, orbits, measurement of losses*

Tue Nov 9: Day 2

Ramping systems (Al, Steve, Nikolay, Todd): Cu ramp,WFG Manager, ramp revert with RF online model

WCM (RogerL, Todd) tcl scripts, test

SkewMod (Yun. Jonathan) injector, *ramping mode, demonstrate modulation on ramp, readouts, correction tools*

JumpWatch (Christoph) *testing, transition diagnostics*

IPM (RogerC, SteveT) *test application feature*

Abort kickers (Leif)

Low intensity bunches interlock (Rob) *re-test functionality*

AGS field correction (Ioannis, JohnM) *check low-level*

Permit link (Rob)

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Wed Nov 10 AM:   Day 3 - morning
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RhicInjection (**Wolfram, Todd**): *test AGS field correction, BPM data acquisition, benchmark application, low intensity interlock*
Loss monitors (**Mei**) *RhicLossMonitor, ATR/Injection data acquisition, new BLM's at Q2*
BPMs (**Todd**) *Managers, Timing, integrated test new boards*
OrbitDisplay (**Vadim**) *test*
Ramp Orbit correction (**Vadim**) *test*
Tune meter (**Angelika, Rob**) *set to lower tunes*
PLL (**PeteC, Al-DP**): *test PLL user interface all channels, check system readiness for ramps*
RhicChromaticity (**Steve**): *ADO, GPM, modulation test with crystal PLL*
DQmin (**Joanne**): *re-test with Artus, Schottky, PLL*
RF applications (**TomH.**) *test of RF applications – see below*
Cogging scope (**RogerL**)
Damper scope (**RogerL**)
BERT (**Seth, Greg**)

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Wed Nov 10 PM:   Day 3 - afternoon
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Schottky (**Kurt**): *test, user interface*
Tune display (**Dan**): *test*
RhicVacuum Display, Pressure display (**Haixin, DickH, Seth**): *test*
e⁻ detectors (**Ubaldo, SY**): *test*
Transverse injection damper (**Angelika,Rob**)
BLAM (**John, PeterI**)
**STAR Magnet PS Control** (**Seth**) *test functionality of application*

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Fri Nov 12 AM: Day 4 - morning
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Collimators (**Angelika, Wenge**): *test, start from sequencer, new vertical collimators*
IR Bump (**Fulvia, Sev**): *test existing features, test new 'coupled' bump, RMS orbit acquisition*
LISA (**Angelika, Ted**): *test, start from sequencer*
Gap cleaning (**Angelika**) *test, setup for copper*
IPM (**RogerC, SteveT**) *integrated test application and new IPM's – connected – 4planes*
Loss monitors (**Mei**) *test new BLM's at Q2and in AtR*
SkewMod (**Yun. Jonathan**) *one more test ramp*
RhicChromaticity (**Steve**): *test dispersion measurement software*
Plotfill (**Todd**) *recover functionality*
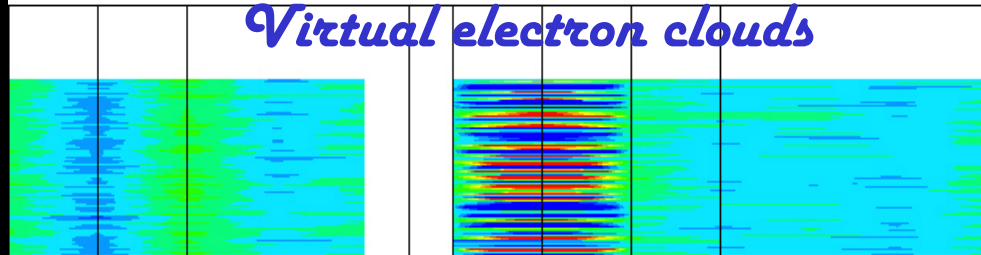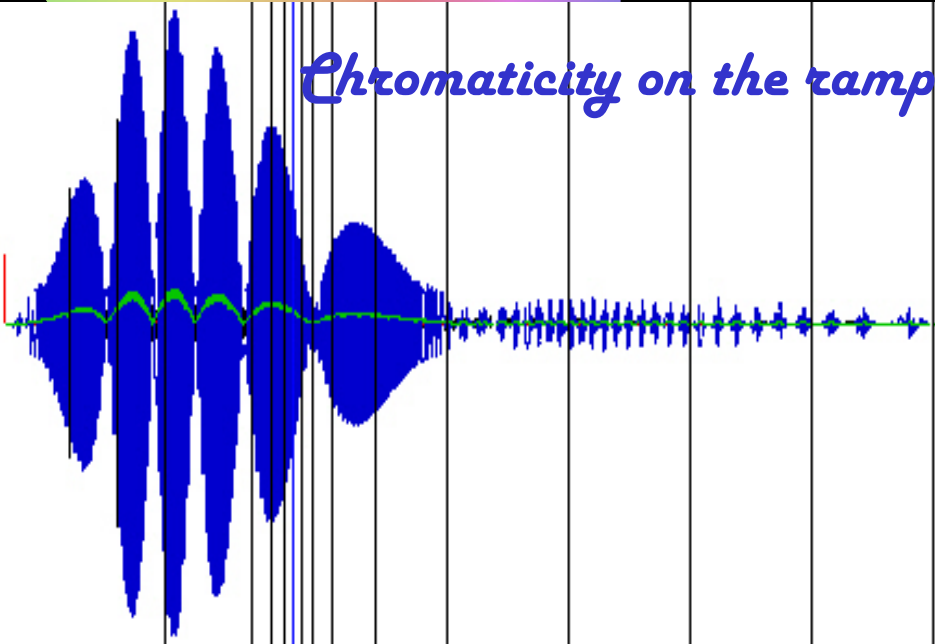**RhicInjection** (**Wolfram, Todd, John**): *integration test – interlock, AGS field, BPM's*

Ops art...☺

Screen saver in action
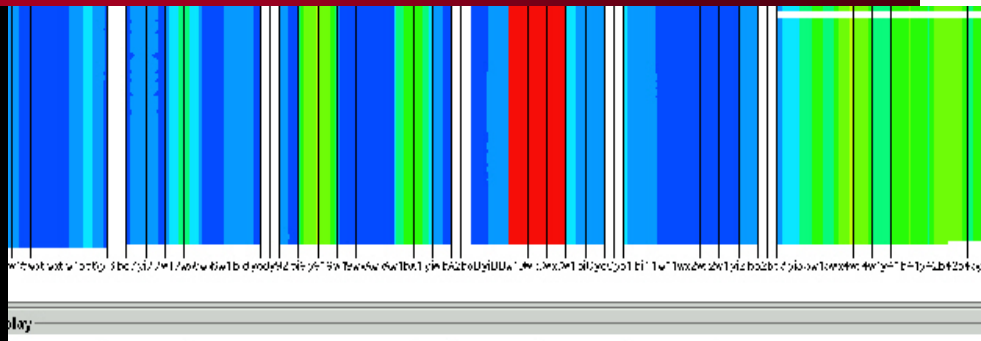
Virtual electron clouds

Chromaticity on the ramp

Loss monitors, abstract